

FIG. 1

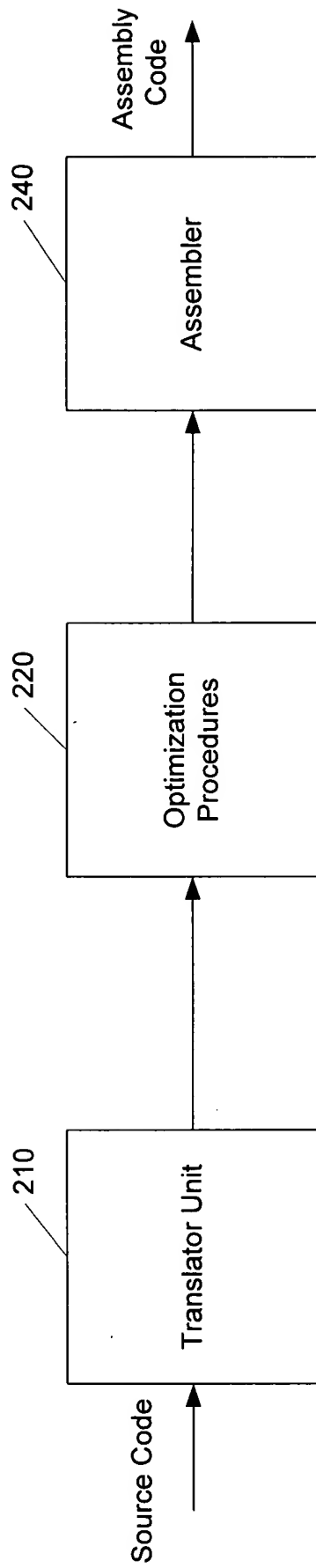


FIG. 2

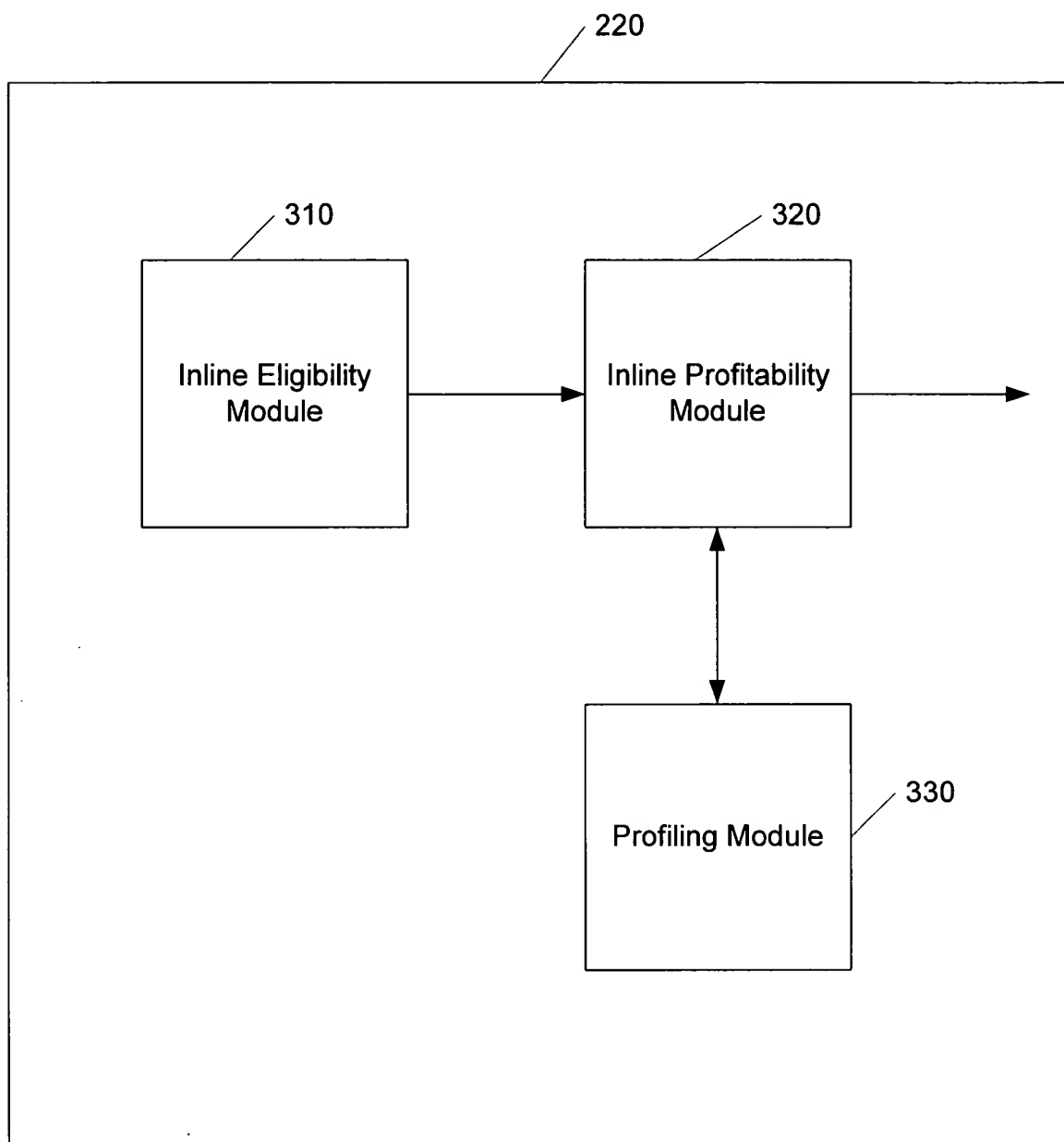


FIG. 3

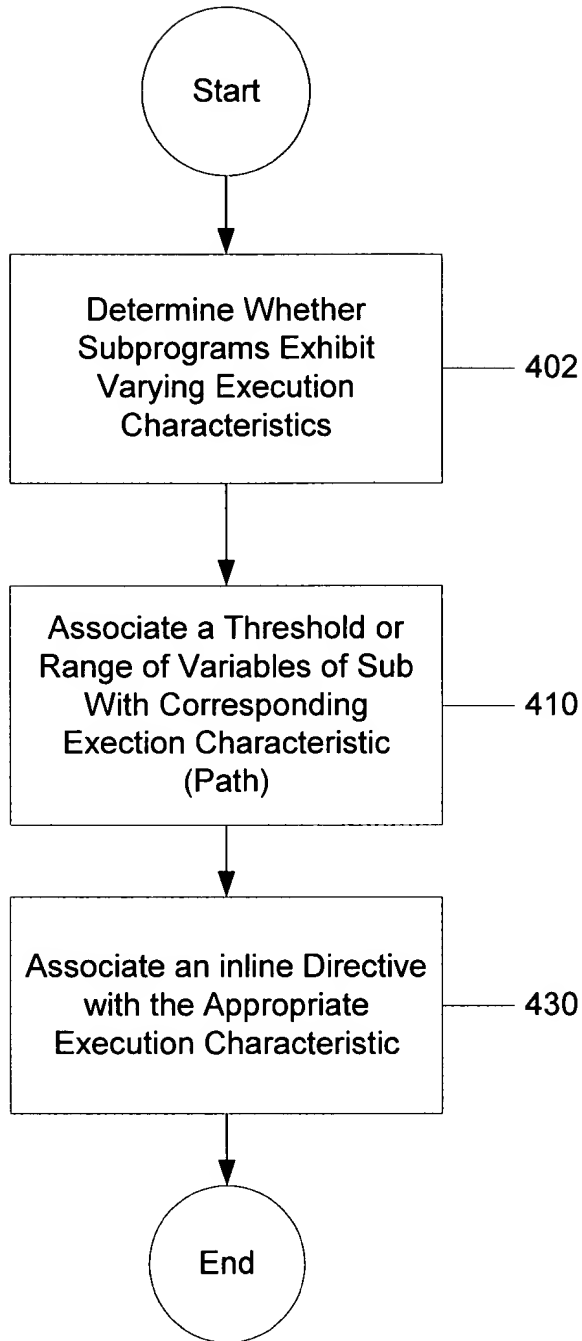


FIG. 4

```

graph TD
    Begin([Begin]) --> 510[510 ID Subprogram Eligible for Inlining]
    510 -- N --> 516[516 Evaluate Sub Using Normal Inlining Procedures]
    510 --> 512{512 Does Sub Have Multiple Execution Characteristics?}
    512 -- Y --> 524{524 Inlining to be Applied to Path?}
    524 -- N --> 516
    524 -- Y --> 530[530 Apply Inlining to Path]
    530 --> 536{536 Another Path?}
    536 -- Y --> 524
    536 -- N --> 540{540 All Subs Evaluated}
    540 -- N --> 516
    540 -- Y --> 544([End])

```

FIG. 5